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Replacement Names Among the Genus and Family Group Taxa in *Orthoptera*

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Abstract: Replacement names among the genus and family group taxa in *Orthoptera*. *Cent. ent. Stud., Misc. Pap.* 141: 1-5.

In this nomenclatural paper, 19 names at generic level in the order *Orthoptera* are evaluated. Totally 17 replacement names are proposed due to the homonymy. Two homonym names are found, one of them is replaced by a previously proposed name, another remains invalidly. All the nomenclatural cases may be summarized as follows: *Bambesana* (**nom. nov.**) (*Acrididae*) from Congo Republic; *Granada* (**nom. nov.**) (*Acrididae*) from Spain; *Peruana* (**nom. nov.**) (*Acrididae*) from Peru; *Sulawesiana* (**nom. nov.**) (*Acrididae*) from Celebes; *Unalia* (**nom. nov.**) (*Acrididae*) from Angola and Tanzania; *Costarica* (**nom. nov.**) (*Romaleidae*) from Costa Rica; *Dhofaria* (**nom. nov.**) (*Pamphagidae*) from Oman; *Jarawasia* (**nom. nov.**) (*Gryllidae*) from Andaman and Nicobar Islands; *Saopauloa* (**nom. nov.**) (*Gryllidae*) from Brazil; *Peru* (**nom. nov.**) (*Gryllidae*) from Peru; *Cocconotus* (*Hondurasia*) (**nom. nov.**) (*Tettigoniidae*) from Honduras; *Jamaica* (**nom. nov.**) (*Tettigoniidae*) from Jamaica; *Carnavalia* (**nom. nov.**) (*Tettigoniidae*) from Brazil; *Tropicophyllum* (**nom. nov.**) (*Tettigoniidae*) from Peru, Colombia, Costa Rica, Brazil; *Barraza* (**nom. nov.**) (*Tettigoniidae*) from Chile; *Santandera* (**nom. nov.**) (*Tettigoniidae*) from Colombia; *Kashgarlimahmutia* (**nom. nov.**) (*Proparagryllacrididae*[†]) from Central Asia; a replacement name at subfamily level *Kashgarlimahmutiinae* (**nom. nov.**) in the family (*Proparagryllacrididae*[†]); a revived generic name from the synonyms *Burmacris* Uvarov, 1942 (**gen. rev.**) (*Acrididae*) from Myanmar; *Toxoepsia* Willemse, 1955 is found as junior homonym name (**hom. nov.**) and remains invalid under the genus name *Kapaoria* Bolívar, 1898 (*Pyrgomorphidae*) from Papua New Guinea. The following new combinations are also proposed: *Bambesana bredoi* (Dirsh, 1961) (**comb. n.**), *Granada imitans* (Brunner von Wattenwyl, 1882) (**comb. n.**), *Peruana luteocincta* (Carbonell & Descamps, 1978) (**comb. n.**), *Peruana luteosignata* (Carbonell & Descamps, 1978) (**comb. n.**), *Peruana palpada* (Stål, 1878) (**comb. n.**), *Sulawesiana cornutus* (Ramme, 1941) (**comb. n.**), *Burmacris charlottae* (Ramme, 1941) (**comb. n.**), *Unalia brevipes* (Uvarov, 1953) (**comb. n.**), *Unalia fitzgeraldi* (Uvarov, 1953) (**comb. n.**), *Costarica costaricensis* (Carbonell, 2002) (**comb. n.**), *Dhofaria splendens* (Popov, 1980) (**comb. n.**), *Jarawasia andamanensis* (Bhowmik, 1969) (**comb. n.**), *Jarawasia andamanensis* ssp. *nicobarensis* (Bhowmik, 1970) (**comb. n.**), *Saopauloa difficilis* (Piza Jr., 1974) (**comb. n.**), *Peru dichra* (Desutter-Grandcolas, 1993) (**comb. n.**), *Jamaica discoidalis* (Walker, 1870) (**comb. n.**), *Carnavalia linki* (Piza Jr., 1971) (**comb. n.**), *Tropicophyllum clausum* (Grant Jr., 1958) (**comb. n.**), *Tropicophyllum colosseum* (Brunner von Wattenwyl, 1878) (**comb. n.**), *Tropicophyllum maculosum* (Bowen-Jones, 2000) (**comb. n.**), *Tropicophyllum sentum* (Grant Jr., 1958) (**comb. n.**), *Barraza crybeloplatus* (Rantz & Gurney, 1985) (**comb. n.**), *Santandera robusta* (Hebard, 1927) (**comb. n.**), *Kashgarlimahmutia reducta* [†] (Sharov, 1968) (**comb. n.**).

Key Words: Nomenclature, new names, new combinations, *Orthoptera*, Congo, Angola, Tanzania, Oman, Spain, Central Asia, Andaman, Nicobar Isl., Myanmar, Papua New Guinea, Celebes, Costa Rica, Honduras, Jamaica, Colombia, Peru, Brazil, Chile

During the worldwide Projects of the Cesa on the *Lepidoptera*¹, the authors interested in the nomenclature of not only the Lepidopteran groups, but also other Insects and Arthropods. Within the frame of these surveys, the following homonymous names among the Orthopteran families are found. Most of them are currently considered as being valid names². According to the Homonymy Rules of the ICZN³, junior homonymous

¹ <http://www.cesa-tr.org/Cesaprojects.htm>

² Eades, D.C. & D.Otte, 2008, Orthoptera Species File Online. <http://orthoptera.speciesfile.org/HomePage.aspx> (access 1 May 2008).

names cannot be used as valid for the taxa. Therefore, such junior homonymous names in the genus group names are replaced by new names, in accordance with the current articles of the ICZN.

Acrididae / Acridinae

1- *Bambesana* (nom. nov.)

Bambesana (nom. nov.) pro *Bambesa* Dirsh, 1961 (*Revue Zool. Bot. afr.* 63: 244) nec *Bambesa* Arnold, 1936 (*Ann. Transv. Mus.*, 18, 421 [*Hymenoptera*]).

Range: Congo Republic: Bambesa.

Bambesana bredoi (Dirsh, 1961) **(comb. n.)**

Range: Congo Republic: Bambesa.

Acrididae / Oedipodinae

2- *Granada* (nom. nov.)

Granada (nom. nov.) pro *Jacobsiella* Harz, 1975 (*Series Ent.* 11: 540) nec *Jacobsiella* Ruebsaamen, 1906 (*Résult. Voy. Belgica, Zool. Ins.*: 83 [*Diptera*]).

Granada imitans (Brunner von Wattenwyl, 1882) **(comb. n.)**

Range: Spain, Granada.

Acrididae / Ommatolampinae

3- *Peruana* (nom. nov.)

Peruana (nom. nov.) pro *Albrechtia* Carbonell & Descamps, 1978 (*Annals Soc. ent. Fr.* (N.S.) 14 (1): 19) nec *Albrechtia* Taki, 1955 (*Bull. natn. Sci. Mus. Tokyo* (N.S.) 2 (1) (No. 36): 21 [*Mollusca*]).

Peruana luteocincta (Carbonell & Descamps, 1978) **(comb. n.)** Range: Peru, Cuzco, Atalaya

Peruana luteosignata (Carbonell & Descamps, 1978) **(comb. n.)** Range: Peru, between Tingo Mario and Pucallpa.

Peruana palpata (Stål, 1878) **(comb. n.)** Range: Peru.

Acrididae / Catantopinae

4- *Sulawesiana* (nom. nov.)

Sulawesiana (nom. nov.) pro *Acrolophus* Ramme, 1941 (*Mitt. zool. Mus. Berl.* 25: 169) nec *Acrolophus* Poey, 1832 (*Cent. Lépidopt. Cuba*, (2) [1] [*Lepidoptera*]).

Sulawesiana cornutus (Ramme, 1941) **(comb. n.)** Range: Indonesia: Sulawesi, Central Celebes: Oeroe.

Acrididae / Catantopinae

5- *Burmacris* Uvarov, 1942 (gen. rev.)

= *Eucnemidia* Ramme, 1941 nec *Eucnemidia* Heine, 1860 [*Aves*] **(hom. nov.)**

³ ICZN – International Commission on Zoological Nomenclature, 1999, International Code of Zoological Nomenclature, 4th ed. London, International Trust for Zoological Nomenclature. xxix + 306 pp. <<http://www.iczn.org/iczn/index.jsp>>

Burmacris charlottae (Ramme,1941) (**comb. n.**) Range: Myanmar.

Acrididae / Gomphocerinae

6- *Unalia* (nom. nov.)

Unalia (nom. nov.) pro *Goniocara* Uvarov,1953 (*Publ. cult. Comp. Diamant. Angola* no. 21: 193) nec *Goniocara* Hay,1929 (*Publ. Carnegie Inst., Washington* no. 390 (1): 835 [*Amphipoda*]).

Unalia brevipes (Uvarov, 1953) (**comb.n.**) Range: Angola, Bihe district, Cohemba.

Unalia fitzgeraldi (Uvarov, 1953) (**comb.n.**) Range: Tanzania, Kafulu, Uvinza-Mpanda road.

This new name is dedicated to Assoc. Prof. Dr. Mustafa Ünal (Bolu, Turkey), who has valuable contributions to the taxonomy of the World Orthoptera.

Romeleidae / Romeleinae

7- *Costarica* (nom.nov.)

Costarica (nom.nov.) pro *Rowellia* Carbonell,2002 (The grasshopper tribe Phaeopariini (Acridoidea: Romaleidae). Orthopterists Society Philadelphia: 30) nec *Rowellia* Carpenter,1864 (Rep. Brit. Ass., 33 (1863), 651; Gabb 1865, Proc. Calif. Acad. Sci., 3, 188 [*Mollusca*]).

Costarica costaricensis (Carbonell, 2002) (**comb.n.**) Range: Costa Rica.

Pamphagidae / Akicerinae

8- *Dhofaria* (nom. nov.)

Dhofaria (nom. nov.) pro *Omania* Popov,1980 (*Journal Oman Stud. spec. Rep. No. 2: 114*) nec *Omania* Horvath,1915 (*Ann. Mus. hungar. 13: 598* [*Hemiptera*]).

Dhofaria splendens (Popov,1980) (**comb. n.**) Range: Oman, Dhofar Province, Jabal Qara, Wadi Ayun.

Pyrgomorphidae / Ortacrinae

9- *Kapaoria* Bolivar,1898

= *Toxopeusia* Willemse,1955 nec *Toxopeusia* Oudemans,1927 (**hom. nov.**) Range: Papua New Guinea.

Gryllidae / Gryllinae

10- *Jarawasia* (nom. nov.)

Jarawasia (nom. nov.) pro *Chopardia* Bhowmik,1969 (*Zool. Anz. 182: 145*) nec *Chopardia* Surcouf,1919 (*N. Arch. Mus. Paris 6: 79* [*Diptera*]). This new name is given to the local tribe Jarawas of South and Middle Andaman Islands.

Jarawasia andamanensis (Bhowmik, 1969) (**comb. n.**)

Jarawasia andamanensis ssp. *nicobarensis* (Bhowmik, 1970) (**comb. n.**)

Range: South East Asia: Andaman Islands, Nicobar Islands.

Gryllidae / Luzarinae**11- Saopauloa (nom. nov.)**

Saopauloa (nom. nov.) pro *Chopardia* Piza Jr., 1974 (*Revista Agric. (Piracicaba)* 49 (1):2) nec *Chopardia* Bhowmik, 1969 (see above).

Saopauloa difficilis (Piza Jr., 1974) (**comb.n.**)

Range: Brazil, São Paulo, Piracicaba.

12- Peru (nom. nov.)

Peru (nom. nov.) pro *Tetragonia* Desutter-Grandcolas 1993 (*Revue Franc. d'Ent. (N. S.)* 15 (4): 175) nec *Tetragonia* Hagen 1849, *Stettin Ent. Ztg.* 10: 169 (Odonata).

Peru dichra (Desutter-Grandcolas, 1993) (**comb. n.**)

Range: Peru.

Tettigoniidae / Pseudophyllinae / Cocconotini**Cocconotus Stal, 1873****13- Cocconotus (Hondurasia) (nom. nov.)**

Cocconotus (Hondurasia) (nom. nov.) [subgenus] pro *Cocconotus (Trachymetopon)* Beier, 1960 (*Tierreich* 74: 149) nec *Trachymetopon* Hennig, 1939 (*Umschau* 43: 515 [Pisces]).

Cocconotus (Hondurasia) lineatifrons (Brunner von Wattenwyl, 1895) Range: Central America: Honduras.

Cocconotus (Hondurasia) scabrifrons (Brunner von Wattenwyl, 1895) Range: South America.

Tettigoniidae / Pseudophyllinae / Pleminiini**14- Jamaica (nom. nov.)**

Jamaica (nom. nov.) pro *Nesocnemis* Beier, 1954 (Revision der Pseudophylliden 1. Madrid, *Inst. exp. Ent.* 477) nec *Nesocnemis* Selys, 1891 (*An. Soc. españ. Hist. nat.* 20: 216 [Odonata]).

Jamaica discoidalis (Walker, 1870) (**comb.n.**) Range: Jamaica.

**Tettigoniidae
Phaneropterinae****15- Carnavalia (nom. nov.)**

Carnavalia (nom. nov.) pro *Linkia* Piza Jr., 1971 (*Revta peru. Ent. agric.* 14: 400) nec *Linkia* Nardo, 1834 (*Isis* (Oken), 1834, 717 [Echinodermata]) non *Linkia* Kieffer, 1910 ([in] André, *Spec. Hym. Europe*, 10, 702 [Hymenoptera]). The new name is given to the famous annual festival, Brazilian Carnival.

Carnavalia linki (Piza Jr., 1971) (**comb.n.**) Range: Brazil.

Tettigoniidae / Phaneropterinae**16- *Tropicophyllum* (nom. nov.)**

Tropicophyllum (nom. nov.) pro *Rossophyllum* Grant, 1958 (*Trans. Am. ent. Soc.* 83: 210) nec *Rossophyllum* Stuckenberg, 1888 (*Trudy geol. Kom.* 5 (4): 11, 46 [*Coelenterata*]).

Tropicophyllum clausum (Grant Jr., 1958) (**comb.n.**) Range: Peru.

Tropicophyllum colosseum (Brunner von Wattenwyl, 1878) (**comb.n.**) Range: Colombia, Santa Marta.

Tropicophyllum maculosum (Bowen-Jones, 2000) (**comb.n.**) Range: Costa Rica, Osa Peninsula, Sirena Research Station, Corcovado National Park.

Tropicophyllum sentum (Grant Jr., 1958) (**comb.n.**) Range: Brazil, Santa Catarina, Corupa.

Tettigoniidae / Tettigoniinae**17- *Barraza* (nom. nov.)**

Barraza (nom. nov.) pro *Calodectes* Renz, 1985 (*Ent. scand.* 16 (1): 71) nec *Calodectes* Lesne, 1907 (*Annls Soc. ent. France* 75: 446, 453 [*Coleoptera*]).

Barraza crybeloplatus (Rentz & Gurney, 1985) (**comb.n.**) Range: Chile Central, Coquimbo, Barraza, desert region near coast.

Tettigoniidae / Conocephalinae**18- *Santandera* (nom. nov.)**

Santandera (nom. nov.) pro *Ocana* Hebard, 1927 (*Trans. Amer. ent. Soc.* 52: 343) nec *Ocana* Adams, 1861 (*Proc. zool. Soc. London* 1861: 143 [*Mollusca*]).

Santandera robusta (Hebard, 1927) (**comb. n.**) Range: Colombia, Santander.

***Proparagryllacrididae*[†]**

***Kashgarlimahmutiinae* (nom. nov.)** pro *Ferganiinae*[†] Gorochoy, 1987. Type-genus: *Kashgarlimahmutia* Koçak & Kemal, 2008 (= *Fergania* Sharov, 1968 nec Mandelshtam, 1957). (= *Ferganiinae*[†] Gorochoy, 1987 [invalid due to the homonymy of its type-genus!])

19- *Kashgarlimahmutia* (nom. nov.)

Kashgarlimahmutia (nom. nov.) pro *Fergania* Sharov, 1968 (*Trudy paleont. Inst.* 118: 167) nec *Fergania* Mandelshtam, 1957 ([in] Mandelshtam, Schenider, Kuznetzova & Katz, *Ezheg. uses. paleont. Obshch.* 16: 170 [*Crustacea*]).

Kashgarlimahmutia reducta [†] (Sharov, 1968) (**comb.n.**) Range: Central Asia: South Fergana, Madygen; Triassic: Lower Triassic.

This new name is dedicated to Mahmut Kashgari, lexicographer and Uighurian Philosopher, for the 1000. Anniversary of his birth.

Two Replacement Names in the Genus Group Taxa of *Dictyoptera* from Colombia and Arabian Peninsula

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: Two replacement names in the genus group taxa of *Dictyoptera* from Colombia and Arabian Peninsula. *Cent. ent. Stud., Misc. Pap.* 141: 6.

In this paper, two names at generic level in the order *Dictyoptera* are evaluated from nomenclatural standpoints. Two replacement names, *Colombiella* (**nom. nov.**) (*Mantidae*) and *Arabistania* (**nom. nov.**) (*Hymenopodidae*) are proposed due to the homonymy. New combinations are as follows: *Colombiella planicephala* (Rehn, 1916) (**comb. n.**), *Arabistania philbyi* (Uvarov, 1936) (**comb. n.**) from Yemen, Saudi Arabia.

Key Words: Nomenclature, new name, *Colombiella*, *Arabistania*, *Mantidae*, *Hymenopodidae*, *Dictyoptera*, Colombia, Yemen, Saudi Arabia.

During the worldwide Projects of the Cesa on the *Lepidoptera*⁴, the authors interested in the nomenclature of not only the Lepidopteran groups, but also other Insects and Arthropods. Within the frame of these surveys, the following homonymous names among the Dictyopter families are found. According to the Homonymy Rules of the ICZN⁵, junior homonymous names cannot be used as valid for the taxa. Therefore, such junior homonymous names in the genus group names are replaced by new names, in accordance with the current articles of the ICZN.

Mantidae / Photinae

***Colombiella* (nom. nov.)**

Colombiella (nom. nov.) pro *Rehniella* Lombardo, 1999 (*Revue Suisse Zool.* 106 (2): 402) nec *Rehniella* Hebard, 1928 (*Trans. Amer. ent. Soc.* 54: 31 [Orthoptera]).⁶

Range: Colombia.

Colombiella planicephala (Rehn, 1916) (**comb. n.**).

Hymenopodidae / Acromantinae

***Arabistania* (nom. nov.)**

Arabistania (nom. nov.) pro *Attalia* Uvarov, 1936 (*J. Linn. Soc., Zool.*, 39: 533) nec *Attalia* Melichar, 1905 (*Wiener ent. Ztg.* 24: 285 [Hemiptera]).⁷

Arabistania philbyi (Uvarov, 1936) (**comb. n.**) Range: Yemen, Saudi Arabia.

⁴ <http://www.cesa-tr.org/Cesaprojects.htm>

⁵ ICZN – International Commission on Zoological Nomenclature, 1999, International Code of Zoological Nomenclature, 4th ed. London, International Trust for Zoological Nomenclature. xxix + 306 pp. < <http://www.iczn.org/iczn/index.jsp> >

⁶ References: Lombardo F., 1999, Remarks on the genus *Metriomantis* Saussure and Zehntner and description of two new species and a new genus: *Rehniella* gen. n. (Insecta, Mantodea) *Revue Suisse Zool.* 106 (2): 393-405. - Rondon, A.A.A., Lombardo, F., Lantsch, L., 2007, Checklist of the Neotropical mantids (Insecta, Dictyoptera, Mantodea). *Biota Colombiana* 8 (2) 105 – 158.

⁷ <http://insects.tamu.edu/research/collection/hallan/Arthropoda/Insects/Mantodea/Family/Hymenopodidae.txt> (access 10 May, 2008)

A replacement name in the genus group taxa of the family *Ascalaphidae* in Africa (*Neuroptera*)

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: A replacement name in the genus group taxa of the family *Ascalaphidae* in Africa (*Neuroptera*). *Cent. ent. Stud., Misc. Pap.* 141: 7.

In this paper, a genus name in the family *Ascalaphidae* (*Neuroptera*) is evaluated from nomenclatural standpoints. *Angolania* (**nom. nov.**) (*Ascalaphidae*) is proposed due to the homonymy. New combination is as follows: *Angolania mira* (Tjeder & Hansson, 1992) (**comb.n.**) from Angola.

Key Words: Nomenclature, new name, *Angolania*, *Ascalaphidae*, *Neuroptera*, Angola.

During the worldwide Projects of the Cesa on the *Lepidoptera*⁸, the authors interested in the nomenclature of not only the Lepidopteran groups, but also other Insects and Arthropods. Within the frame of these surveys, the following homonymous name in the family *Ascalaphidae* (*Neuroptera*) is found. According to the Homonymy Rules of the ICZN⁹, junior homonymous names cannot be used as valid for the taxa. Therefore, junior homonymous name in the genus group name of *Ascalaphidae* is replaced below by a new name, in accordance with the current articles of the ICZN.

Ascalaphidae

Angolania (**nom. nov.**)

Angolania (**nom. nov.**) pro *Rudebeckia* Tjeder & Hansson, 1992 (*Ent. Scand. Suppl.* 41: 195). nec *Rudebeckia* Princis, 1963 ([in] Hanström, Brinck & Rudebeck. *S. Afr. anim. Life.* 9: 246 [*Orthoptera*]).¹⁰

Angolania mira (Tjeder & Hansson, 1992) (**comb.n.**) Range: Angola.

⁸ <http://www.cesa-tr.org/Cesaprojects.htm>

⁹ ICZN – International Commission on Zoological Nomenclature, 1999, International Code of Zoological Nomenclature, 4th ed. London, International Trust for Zoological Nomenclature. xxix + 306 pp. < <http://www.iczn.org/iczn/index.jsp> >

¹⁰ Reference: - Tjeder, B. & 1992, The Ascalaphidae of the Afrotropical Region (Neuroptera). 2. Revision of the tribe Ascalaphini (subfam. Ascalaphinae) excluding the genus Ascalaphus Fabricius. *Ent. scand. Suppl.* 41: 171-237. - Illustrated database of Neuroptera (insects): Metafro: <http://www.metafro.be/neuroptera/onespecies/Rudebeckia%20mira/taxon> (access 10 May 2008)

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